



Edward Kolodziej

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Todd Gmitro
Corrective Action Project Manager
Remediation and Reuse Branch - U.S. EPA Region 5
77 W. Jackson Blvd. (LU-9J)
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio
OHD 000 817 312
Progress Report

Dear Mr. Gmitro:

Please find attached the Second Quarter 2015 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Ed Kolodziej
Senior Project Manager – Environmental Remediation

cc: Chief Mike Hauck, Evendale Fire Department
Tim Hull, OEPA
Ralph Mertz, BUSTR (Incident Number: 31001060)
John Wolfe, United States Air Force
Kent Scott-Smith, United States Air Force
Joanne Reinhold, GE

Description of Work Completed in Second Quarter 2015:

- Performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the second quarter 2015 were:

<u>Well ID</u>	<u>Unit</u>	<u>2Q 2015 Average Pumping Rate (gpm)</u>
EW-2P	Perched	36
EW-4P	Perched	44
EW-5P	Perched	24
EW-6P	Perched	14
EW-7S	USG	5
EW-3D	LSG	49
EW-8D	LSG	<u>49</u>

Total Ave. = 221 gpm

- Continued cyclical pumping at EW-7S due to low yield. The average pumping rate for EW-7S over the quarter was similar to the first quarter at 5 gpm. GE continues to monitor pumping at the current rate. On June 16, 2015, a CMS interim report summarizing a proposed pilot test program for IRM extraction wells EW-7S and EW-8D was submitted to USEPA. The interim report presents a summary of pilot test procedures to evaluate the potential benefits of an alternate pumping approach, as outlined in the Corrective Measures Study (CMS) Work Plan.
- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 4th quarter/annual summary groundwater sampling report for 2014 to USEPA on April 8, 2015. On June 16, 2015, GE submitted to USEPA a CMS interim report providing an update of the groundwater IRM performance monitoring results since startup in July 2011.
- Conducted IRM water level monitoring and transducer download in early April 2015.
- Submitted the 1st Quarter 2015 IRM groundwater monitoring report to USEPA on June 12th, 2015.
- Conducted the 2nd quarter 2015 IRM groundwater sampling and the first semiannual groundwater monitoring during the weeks of June 8th and 15th 2015.
- Continued operating the IRM groundwater treatment plant, including scheduled and unscheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 97% for the quarter.
- Decommissioned the former AFP36 air stripper system, in accordance with the notification sent to USEPA on February 18, 2015. The inactive AFP 36 air stripper system was decommissioned during the week of April 6th.
- Continued CMS activities associated with interim reports as outlined in the approved May 2014 CMS Work Plan, including reports pertaining to impacted soil management, groundwater corrective measure objectives (CMOs), and institutional and engineering controls (I&EC) planning. These interim reports are anticipated to be submitted in July 2015 and the 4th quarter 2015.
- Held an informal meeting with USEPA on June 4, 2015 to review the soil vapor interim report.

- Submitted a work plan to BUSTR regarding the additional information requested for the Bldg 500 UST in their December 3, 2014 letter. Upon BUSTR approval, completed additional delineation activities and submitted an additional Tier I document. Tier II activities may be performed pending BUSTR review of the Tier I submittal.
- Completed clean-up and backfilling of four manholes in Building 700, discovered during renovations, in accordance with the work plan emailed to USEPA on January 15, 2015. The base of each manhole appeared intact; therefore, no additional sampling was completed. Work in the Cart Wash area was performed per the work plan in June 2015 due to access associated with site operations. Preliminary results indicate that impacted soils below the floor slab were non-hazardous and visually clean soils were identified. A summary of work activities for both areas is anticipated to be submitted in the 3rd quarter.

Summary of All Findings:

- None

Contacts with the Public:

- None

Problems or Potential Problems Encountered:

- None

Actions Taken to Rectify Problems:

- None

Changes in Personnel During Reporting Period:

- None

Projected Work for Third Quarter 2015:

- Continue pumping in the three aquifer zones (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct IRM water level monitoring and transducer download in early July 2015.
- Continue operating the IRM groundwater treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Begin preparation of the 2nd quarter IRM and 1st semiannual groundwater monitoring report.
- Conduct 3rd quarter IRM groundwater monitoring in late August and early September 2015.
- Conduct annual MNA sampling event in July 2015.
- Conduct annual area-wide groundwater level monitoring event in July 2015.
- Collect shallow soil vapor samples from the eleven sampling locations in late June and early July 2015 as part of the 1st semiannual vapor sampling event.
- Perform minor well repairs on approximately 20 monitoring wells.

- Submit CMS interim report on soil pathway analysis to USEPA and continue CMS activities for interim reports related to development of groundwater corrective measure objectives, and I&EC planning, as presented in scheduling emails to USEPA.
- Submit a report summarizing the decommissioning of the inactive AFP 36 air stripper system and IRM recovery wells RW-301, RW-306, and AF-INT-1.
- Submit a Tier II report for the Bldg 500 UST pending BUSTR acceptance of the Tier I report.
- Complete the Building 700 Manhole and Cart Wash area reports.

Copies of Daily Reports and Laboratory/Monitoring Data:

- None